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ABSTRACT

This bibliography identifies, by author and subject matter, recreational research publications, by Forest Service scientists, that have been published from 1961 through 1982. Publications are classified under six major topic areas: (1) management of areas and facilities (including such topics as wilderness/backcountry resources and use of facilities); (2) management for recreation activities and experiences (including camping, hunting, hiking, winter activities, and water activities); (3) management and users (including trends research and market surveys, levels of use, user descriptions, visitor safety, and administration); (4) resource protection and rehabilitation (including timber management, impact of recreationists on resources, and site rehabilitation); (5) management planning and research (including impact analyses, policy questions, public involvement, developed recreational opportunities, and recreation research methodology); and (6) source documents (conference or symposium proceedings, other bibliographies, and texts or books written or edited by Forest Service authors). (JD)

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RECREATION RESEARCH PUBLICATIONS

Bibliography 1961-1982

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INTRODUCTION

USDA Forest Service recreation research is about 20 years old. In that time hundreds of articles, notes and papers have been published by Forest Service researchers and their cooperators. In 1967 a bibliography of Forest Service outdoor recreation research was issued that listed, by forest experiment station and author, publications from 1942 through 1966. Since then, 11 annual supplements have been published.

Most recreation researchers who have been around for the past 10 to 20 years have a pretty good idea about who wrote what publication and how to find it. But others are hard pressed to find what has been written about a particular subject and who wrote it. This bibliography is intended to facilitate their search. The object is to identify, by author and subject matter, recreation research publications by Forest Service scientists and their cooperators that have been published through 1982.

Some publications found in the original bibliography and its 11 supplements will not be found in this bibliography. These have been deleted at the request of the authors. Generally, new information has made the deleted citations obsolete or inadequate.

ORGANIZATION

This bibliography is organized in two ways: by Author; and by Subject Category.

The Author Index is a simple alphabetized listing by author and year of publication. Individual entrees are numbered to facilitate cross-referencing to subject categories.

The Subject Category identifies individual numbered publications contained in the author index. Publications are classified under six major categories, each having from 3 to 13 subclasses. The sixth major category contains source documents--conference or symposium proceedings sponsored or co-sponsored by the Forest Service, other bibliographies, and texts or books. These source documents generally address a variety of subjects.

Categorizing any set of publications is a very subjective process. The Subject Classification Index, page 79, identifies the six major categories and their subclasses. A short paragraph describes the types of publications that can be found in each major category. For example, if you want to know what Forest Service research has been published on "the economics and marketing of commercial recreation enterprises," you would turn to major category V, subclass 6; or, "timber management and its relationship to aesthetics," major category IV, subclass 9. Persual of the publications listed under major category III, subclass 9, will reveal 23 publications that deal with the carrying capacity concept as it relates to outdoor recreation.

OBTAINING A PUBLICATION

This bibliography is designed to facilitate the search for literature. It will not produce publications. In some cases it will be difficult to obtain a publication. Most of the periodicals that carry recreation research articles are maintained in local libraries. If a local library does not have a publication, it can often be obtained through inter-library loan. Many libraries are on Forest Service Experiment Station mailing lists and regularly receive publications.

Forest Service research publications (Research Note, Research Paper, General Technical Report, etc.), less than five years old can be obtained from Experiment Stations. Experiment Stations are abbreviated in parentheses after each citation; addresses are given on page 94. If a publication is not available from the publication office of an Experiment Station, the request is normally routed to the Station librarian. Each library maintains a file copy of its publications and these can usually be reproduced at cost. For Federal Government employees, land grant university employees, and others having access to the Technical Information System of the National Agricultural Library, the NAL, with a field liason officer in Beltsville, MD, is another publication retrieval possibility. For users in the 17 western states, the Forest Service maintains a Western Forestry Information Network called WESTFORNET with service centers in Seattle, WA, Berkeley, CA, Ogden, UT, and Fort Collins, CO.

Both of these outlets plus the services of the Library of Congress and the National Technical Information System of the Department of Commerce should be explored before giving up hope. Finally, if you can locate the author of a publication listed in the bibliography, you may be able to obtain it from them directly.

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BIBLIOGRAPHY

SUBJECT CLASSIFICATION INDEX

I. MANAGEMENT OF AREAS AND FACILITIES (Page 82)

Publications found in this category address problems encountered by managers of wilderness/backcountry resources, and of some day-use and overnight facilities. There are also publications about economics, i.e., benefit-cost analysis, economic impacts, role of user fees, etc., but not about the economics of recreation enterprises.

I-1. General
I-2. Day-use
I-3. Overnight-use
I-4. Wilderness/Backcountry
I-5. Economics
I-6. Special Use Areas
I-7. Trails
I-8. Aquatic and Associated Land
I-9. Marine and Coastal
I-10. Service Areas

II. MANAGEMENT FOR RECREATION ACTIVITIES AND EXPERIENCES (Page 84)

This classification contains publications and articles about camping and the campground industry, about fishing and hunting, hiking and backpacking, snow and ice activities, about boating and river oriented activities, and the motivations behind these and other activities. Articles in this category also address the social aspects of outdoor recreation such as people and non-game wildlife, conflicts among recreationists, travel patterns, and management-user interactions.

II-1. General
II-2. Camping
II-3. Hiking/Backpacking
II-4. Hunting/Fishing
II-5. ORV's
II-6. Snow/Ice Activities
II-7. Swim/Sub-Surface Activities
II-8. Water Surface Activities
II-9. People and non-game wildlife
II-10. Aerial Activities
II-11. Day-use Activities

III. MANAGEMENT AND USERS (Page 86)

Since most of the recreation research done in or sponsored by the Forest Service is carried out to enhance the recreation experience of users, this category has the most publications. Topics in it consist of assessing demand for outdoor recreation, including trends research and market surveys, monitoring levels of use--nationally, regionally, and on-site--user descriptions, preferences and benefits (including psychological benefits), visitor safety, administrative and decisionmaking articles, articles about information and interpretation, and articles and publications about depreciative behavior and law enforcement. Articles about recreational carrying capacity, both social and, to a lesser extent, physical, are also included, as are articles and publications about the Recreation Opportunity Spectrum.

III-1. General
III-2. Assessing Demand, Trends, Marketing & Market Surveys
III-3. Assessing Use
III-4. Depreciative Behavior/Enforcement
III-5. Visitor Safety
III-6. Information/Interpretation
III-7. Administration--Decisionmaking
III-8. User Descriptions, Preferences, Benefits
III-9. Carrying Capacity
III-10. Recreation Opportunity Spectrum

IV. RESOURCE PROTECTION AND REHABILITATION (Page 89)

Most research reported in this classification deals with physical or biological issues, although there is considerable attention paid to preferences and beauty. Nearly half of the citations in this category are classified under the subheading "Visual Resources"--how to cut, when to cut, what to cut, and where to cut--what to expect after the cut, and how to visualize what an area will look like after it is cut. Other articles deal with the impact of recreationists on vegetation, soil, wildlife and aquatic resources, and with site rehabilitation.

IV-1. General
IV-2. User Impacts
IV-3. Site Rehabilitation
IV-4. Geologic/Soil/Mineral Resources
IV-5. Vegetation Resources
IV-6. Wildlife/Fishery Resources
IV-7. Aquatic and Associated Land Resources
IV-8. Backcountry and Wilderness Resources
IV-9. Visual Resources
IV-10. Special Use/Special Designated Areas
IV-11. Resource Protection
IV-12. Marine and Coastal Resources
IV-13. Cultural Resources

V. MANAGEMENT PLANNING AND RESEARCH (Page 91)

This classification contains articles and publications that deal with those issues planners and managers of recreation areas and facilities face; issues such as impact analyses, policy questions, public involvement, and planning for dispersed or developed recreation opportunities. It also contains numerous and some important breakthroughs in recreation research methodology and research needs. Finally, it contains articles and publications about management and the economics of commercial recreation enterprises.

V-1. General, education and curriculums
V-2. Management Planning
V-3. Management Plans
V-4. Public Involvement and Legal Concerns
V-5. Research
V-6. Economics of Recreation Enterprises

VI. SOURCE DOCUMENTS (Page 93)

The last category is a list of major publications that are conference or symposium proceedings, other bibliographies, and texts or books that the Forest Service authors have written or edited.

VI-1. Conference and Symposium Proceedings
VI-2. Research Literature (Bibliographies)
VI-3. Books

BIBLIOGRAPHY

CITATION CLASSIFICATION

I. MANAGEMENT OF AREAS AND FACILITIES

I-1. General

0011
0327
0335
0602
0624
0645
0868

I-2. Day-use

0059
0372
0430
0594

I-3. Overnight-use

I-4. Wilderness/Backcountry

0061
0067
0075
0100
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0175
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0906
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I-5. Economics

0008
0017
0031
0033
0068
0074
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0172
0176
0196
0309
0357
0364
0365
0443
0474
0595
0639
0674
0683
0698
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0832
0852
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0925

I-6. Special Use Areas

0027
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0585
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0907
0912
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0921

I-7. Trails

I-8. Aquatic and Associated Land

I-9. Marine and Coastal

I-10. Service Areas

II. MANAGEMENT FOR RECREATION ACTIVITIES AND EXPERIENCES

II-1. General

0049
0121
0445
0623
0927

II-2. Camping

0018
0055
0084
0107
0122
0177
0202
0277
0334
0354
0381
0401
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0417
0423
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0444
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0744
0751
0752
0859
0861
0864

II-3. Hiking/Backpacking

0056
0077
0352
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0543
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0583
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0678
0680
0712
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0791
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0922

II-4. Hunting/Fishing

0088
0157
0168
0169
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0261
0289
0292
0298
0302
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II-5. ORV's

0784
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II-6. Snow/Ice Activities

0178
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0249
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0349
0446
0447
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0454
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II-7. Swim/Sub-Surface Activities

II-8. Water Surface Activities

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II-9. People and non-game wildlife

0122
0141
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II-10. Aerial Activities

II-11. Day-use activities

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III. MANAGEMENT AND USERS

III-1. General

0136
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0718

III-2. Assessing Demand & Trends & Marketing & Market Surveys

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III-3. Assessing Use

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III-4. Depreciative Behavior/Enforcement

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III-5. Visitor Safety

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III-6. Information/Interpretation

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III-7. Administration--Decisionmaking

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III-8. User Descriptions, Preferences, Benefits

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III-9. Carrying Capacity

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III-10. Recreation Opportunity Spectrum

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IV. RESOURCE PROTECTION AND REHABILITATION

IV-1. General

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IV-2. User Impacts

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IV-3. Site Rehabilitation

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IV-4. Geologic/Soil/Mineral Resources

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IV-5. Vegetation Resources

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IV-6. Wildlife/Fishery Resources

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IV-7. Aquatic and Associated Land Resources

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IV-8. Backcountry and Wilderness Resources

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IV-9. Visual Resources

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IV-10. Special Use/Special Designated Areas

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IV-11. Resource Protection

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IV-12. Marine and Coastal Resources

IV-13. Cultural Resources

V. MANAGEMENT PLANNING AND RESEARCH

V-1. General, education and curriculums

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V-2. Management Planning

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V-3. Management Plans

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V-4. Public Involvement and Legal Concerns

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V-5. Research

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V-6. Economics of Recreation Enterprises

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VI. SOURCE DOCUMENTS

VI-1. Conference and Symposium Proceedings

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0856a
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0858a
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VI-2. Research Literature (Bibliographies)

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0739
0798
0832

VI-3. Books

0303
0471

USDA FOREST SERVICE EXPERIMENT STATION ADDRESSES

(INT) Intermountain Forest and Range
Experiment Station
507 25th Street
Ogden, Utah 84401

(NC) North Central Forest Experiment Station
1992 Folwell Avenue
St. Paul, Minnesota 55108

(NE) Northeastern Forest Experiment Station
370 Reed Road
Broomall, Pennsylvania 19008

(PNW) Pacific Northwest Forest and Range
Experiment Station
809 NE 6th Avenue
Portland, Oregon 97232

(PSW) Pacific Southwest Forest and Range
Experiment Station
1960 Addison Street
P.O. Box 245
Berkeley, California 94701

(RM) Rocky Mountain Forest and Range
Experiment Station
240 West Prospect Street
Fort Collins, Colorado 80526

(SE) Southeastern Forest Experiment Station
200 Weaver Boulevard
Asheville, North Carolina 28804

(SO) Southern Forest Experiment Station
T-10210, U.S. Postal Service Building
701 Loyola Avenue
New Orleans, Louisiana 70113

(WO) USDA Forest Service
P.O. Box 2417
Washington, D.C. 20013

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